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|---|-------------------------------------|--------------------------|--------------|------------|-------|--|------------|
| 14 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5991279 A | 19991123 | | Wireless packet data distributed communications system | 370/311 |
| 15 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5884186 A | 19990316 | | Portable radio apparatus equipped with function to display received message information and information process system used for portable radio apparatus | 455/550 |
| 16 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5659890 A | 19970819 | | Portable radio apparatus equipped with function to display received message information | 340/7.54 |
| 17 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5887255 A | 19990323 | | Multiple use wireless communications system and | 455/426 |
| 18 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6154659 A | 20001128 | | Fast forward link power control in a code division multiple access | 455/522 |
| 19 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5754537 A | 19980519 | | Method and system for transmitting background noise data | 370/330 |
| 20 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5533019 A | 19960702 | | Packet data in an analog cellular radiotelephone system | 370/352 |
|  | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5793744 A | 19980811 | | Multichannel high-speed data transfer | 370/209 |

| | Current XRef | Retrieval Classif | Inventor Δ | S | C | P | 2 | 3 | 4 | 5 |
|----|---|----------------------|---|-------------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 1 | 370/329; 370/468; 455/452; 455/62; 455/63 | 370/329; 370/337 | Ahmadi, Hamid et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 2 | 455/436; 455/456 | | Arrington, Jr., Arthur Edward et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 3 | 370/230; 370/236; 709/227; 725/32; 725/62 | 370/236 | Ayabe, Benson S. et al. | <input checked="" type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 4 | 370/349; 714/748 | 370/346; 714/748 | Ayanoglu, Ender et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 5 | 327/551; 348/607; 455/296 | | Calderbank, Arthur Robert et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 6 | 455/504 | | Campana, Jr., Thomas J. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 7 | 455/504; 714/776 | | Campana, Jr., Thomas J. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 8 | 375/347; 455/272; 455/504; 714/2 | | Campana, Jr., Thomas J. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 9 | 370/468; 455/442 | | Chen, Tao et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 10 | 340/7.43; 340/825.52; 455/343 | | DeLuca, Michael J. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 11 | 370/330; 455/13.3 | | Dent, Paul W. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 12 | 370/311; 455/343; 455/524 | 370/311 | Gollnick, Charles D. et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 13 | 370/342; 455/277.1; 455/562 | | Gray, Steven D | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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|----|--|----------------------|-------------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|--------------------------|
| 14 | 340/7:34; 370/318; 370/320; 370/321; 370/324; 370/342; 370/347; 370/349; 370/350; 375/130; 455/13.2; 455/13.4; 455/343 | 370/311; 370/347 | Haugli, Hans-Christian et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 15 | 455/321; 455/344; 455/351; 455/556; 455/557; 455/575; 455/90 | | Hidaka, Shinji | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 16 | 340/7:39; 455/344; 455/351; 455/556; 455/575; 455/90; 708/1057 | | Hidaka, Shinji | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 17 | 455/560; 455/561 | | Jackson, Allen et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 18 | 455/69 | | Jalali, Ahmad et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 19 | 370/337; 370/348; 370/349; 370/444; 370/447; 455/501; 455/67.3; 704/214; 704/226 | 370/337 | Jamal, Karim | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 20 | 455/466 | | Jayapalan, Jay P. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |
| 21 | 370/342; 370/433; 370/460; 714/748 | 714/748 | Kanerva, Mikko et al. | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> | <input type="checkbox"/> |

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| 22 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5241545 A | 19930831 | | Apparatus and method for recovering a time-varying signal using multiple sampling points | 370/337 |
| 23 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5381459 A | 19950110 | | System for distributing radio telephone signals over a cable television network | 455/426 |
| 24 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5652570 A | 19970729 | | Individual location system | 340/573.4 |
| 25 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 4910794 A | 19900320 | | Mobile radio data communication system and method | 455/67.4 |
| 26 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5070536 A | 19911203 | | Mobile radio data communication system and method | 455/67.4 |
| 27 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5511067 A | 19960423 | | Layered channel element in a base station modem for a CDMA cellular communication system | 370/335 |
| 28 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6044248 A | 20000328 | | Selective call receiver for displaying messages including | 340/7.47 |
| 29 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5842125 A | 19981124 | | Network control center for satellite communication system | 455/426 |
| 30 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6081566 A | 20000627 | | Method and apparatus for interference rejection with different beams, polarizations, and phase references | 375/347 |
| 31 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5517507 A | 19960514 | | Notification by energy burst of messages with unacceptable | 714/748 |

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| 1 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5613198 A | 19970318 | 9 | Multiaccess scheme for mobile integrated local area networks | 370/337 |
| 2 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5918176 A | 19990629 | 16 | Method and apparatus for controlling link quality in a wireless communication system | 455/430 |
| 3 | <input type="checkbox"/> | <input type="checkbox"/> | US 6108530 A | 20000822 | 9 | System and method for transmitting a displayable message between short message entities in more than one data package | 455/403 |
| 4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5570367 A | 19961029 | 14 | Asymmetric protocol for wireless communications | 370/346 |
| 5 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5912932 A | 19990615 | 17 | Apparatus and methods for decoding a communication signal | 375/346 |
| 6 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5745532 A | 19980428 | 109 | System for wireless transmission and receiving of information and method of operation thereof | 375/347 |
| 7 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5717725 A | 19980210 | 124 | System for wireless transmission and receiving of information through a computer bus interface and method of operation | 375/347 |
| 8 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5446759 A | 19950829 | 128 | Information transmission system and method of operation | 375/267 |
| 9 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5923650 A | 19990713 | 37 | Method and apparatus for reverse link rate scheduling | 370/331 |
| 10 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5089813 A | 19920218 | 10 | Method of super battery saving in a selective call receiver | 340/7.35 |
| 11 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5566168 A | 19961015 | | TDMA/FDMA/CDMA hybrid radio access methods | 370/323 |
| 12 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5940771 A | 19990817 | | Network supporting roaming, sleeping terminals | 455/517 |
| 13 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6108323 A | 20000822 | | Method and system for operating a CDMA cellular system having beamforming antennas | 370/335 |

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|----|-------------------------------------|--------------------------|---------------|------------|--------|---|------------|--|---------------------|
| 1 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 4495619 A | 19850122 | 16 | Transmitter and receivers using resource sharing and coding for increased capacity | 370/207 | 370/347; 370/511; 375/285 | 370/347 |
| 2 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 4381562 A | 19830426 | 13 | Broadcast type satellite communication systems | 370/323 | 370/325; 370/327; 370/344; 370/347; 455/13.3 | 370/347 |
| 3 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 4709402 A | 19871124 | 9 | Method of synchronizing radio transmitters for synchronous radio transmission | 455/503 | 340/7.26; 455/69 | |
| 4 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 4709401 A | 19871124 | 8 | Method of setting radio transmitters for synchronous radio transmission | 455/503 | 340/7.26; 455/18; 455/526 | |
| 5 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6269331 B1 | 20010731 | 25 | Transmission of comfort noise parameters during discontinuous transmission | 704/205 | 455/95; 704/215; 704/220; 704/258 | |
| 6 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6108530 A | 20000822 | 9 | System and method for transmitting a displayable message between short message entities in more than one data package | 455/403 | 370/230; 370/236; 709/227; 725/32; 725/62 | |
| 7 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5717689 A | 19980210 | 26 | Data link layer protocol for transport of ATM cells over a wireless link | 370/349 | 370/397; 370/471; 714/749 | 714/749 |
| 8 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5570367 A | 19961029 | 14 | Asymmetric protocol for wireless communications | 370/346 | 370/349; 714/748 | 370/346; 714/748 |
| 9 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 6069886 A | 20000530 | 34 | System controlled asymmetrical automatic repeat request protocol | 370/336 | 370/348; 370/349 | 370/336 |
| 10 | <input checked="" type="checkbox"/> | <input type="checkbox"/> | US 5799012 A | 19980825 | 34 | System controlled asymmetrical automatic repeat request protocol method | 370/336 | 370/348; 370/349; 370/473; 455/509; 714/748 | 370/336; 714/748 |